

Serial No. 09/862,623Response to February 24, 2005 Office ActionDocket No. 1232-4716

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An image sensing apparatus which can be connected to an external device and receives power from the external device, the external device having a suspend/resume function of storing, for a program under processing, a state necessary for execution of the processing in memory then turning off the power in the suspend state and re-executing the interrupted processing of the program on the basis of stored contents in response to turning on of the power, comprising:

~~an image sensing means for converting~~ sensor adapted to convert an optical image of an object into an electrical image signal; and

~~a controller adapted to control means for~~, when the external device is set in a suspend state during image sensing, ~~stopping stop~~ operation of at least a part of said image sensing means ~~sensor~~ and ~~resetting reset~~ a predetermined portion of said image sensing apparatus to a predetermined initial state in response to resumption of the external device.

2. (Currently Amended) The apparatus according to claim 1, wherein said ~~control means~~ controller resets said image sensing means ~~sensor~~ to a predetermined initial state in response to resumption of the external device.

3. (Currently Amended) The apparatus according to claim 1 further comprising ~~a setting means for setting until~~ adapted to set a reference position where image reading by said image sensing means ~~sensor~~ is started in response to resumption of the external device,

wherein said ~~controller means~~ controller controls said image sensing means ~~sensor~~ to start image reading from the reference position in response to resumption of the external device.

4. (Currently Amended) The apparatus according to claim 1, wherein the predetermined initial state is a state wherein an optical unit in said image sensing means

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sensor is at a predetermined position.

5. (Currently Amended) The apparatus according to claim 4, further comprising a motor as a driver for moving the optical unit,

wherein said ~~control means~~ controller resets said motor to an initial state in response to resumption of the external device.

6. (Currently Amended) The apparatus according to claim 1 further comprising memory,

wherein said ~~control means~~ controller resets said memory to an initial state in response to resumption of the external device.

7. (Currently Amended) The apparatus according to claim 1, wherein said ~~control means~~ controller resets at least one of home position detection, lamp adjustment, and shading data acquisition to the predetermined initial state in response to resumption of the external device.

8. (Currently Amended) The apparatus according to claim 1 further comprising an operation means unit,

wherein when the external device is set in the suspend state, the external device is resumed in accordance with predetermined operation by said operation means unit.

9. (Currently Amended) The apparatus according to claim 1 further comprising a state detection means unit,

wherein when the external device is set in the suspend state, the external device is resumed in accordance with detection of a predetermined state by said state detection means unit.

10. (Currently Amended) The apparatus according to claim 1 further comprising a notification means unit for notifying the external device of the predetermined initial state.

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11. (Currently Amended) A control method for an image sensing apparatus which can be connected to an external device, receives power from the external device, and has ~~an image sensing means for converting~~ sensor adapted to convert an optical image of an object into an electrical image signal, the external device having a suspend/resume function of storing, for a program under processing, a state necessary for execution of the processing in memory then turning off the power in the suspend state and re-executing the interrupted processing of the program on the basis of stored contents in response to turning on of the power, comprising:

the stop step of, when the external device is set in a suspend state during image sensing, stopping operation of at least a part of the image ~~sensor sensing means~~;

the reset step of resetting a predetermined portion of the image sensing apparatus to a predetermined initial state in response to resumption of the external device.

12. (Currently Amended) The method according to claim 11, wherein, in the reset step, ~~image sensing means~~ sensor is reset to a predetermined initial state in response to resumption of the external device.

13. (Currently Amended) The method according to claim 11, further comprising

the setting step of setting a reference position where image reading by the image ~~sensing means~~ sensor is started in response to resumption of the external device, and

the control step of controlling the image ~~sensing means~~ sensor to start image reading from the reference position in response to resumption of the external device.

14. (Currently Amended) The method according to claim 11, wherein the predetermined initial state is a state wherein an optical unit in the image ~~sensing means~~ sensor is at a predetermined position.

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15. (Original) The method according to claim 14, wherein

the image sensing apparatus further comprises a motor as a driver for moving the optical unit, and

in the reset step, the motor is reset to an initial state in response to resumption of the external device.

16. (Original) The method according to claim 11, wherein

the image sensing apparatus further comprises memory, and

in the reset step, the memory is reset to an initial state in response to resumption of the external device.

17. (Original) The method according to claim 11, wherein, in the reset step, at least one of home position detection, lamp adjustment, and shading data acquisition is reset to the predetermined initial state in response to resumption of the external device.

18. (Currently Amended) The method according to claim 11, wherein the image sensing apparatus further comprises an operation means unit, and

the method further comprises the step of, when the external device is set in the suspend state, resuming the external device in accordance with predetermined operation by the operation means unit.

19. (Currently Amended) The method according to claim 11, wherein the image sensing apparatus further comprises a state detection means unit, and

the method further comprises the step of, when the external device is set in the suspend state, resuming the external device in accordance with detection of a predetermined state by the state detection means unit.

20. (Original) The method according to claim 11, further comprising the notification step of notifying the external device of the predetermined initial state.

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21.- 48. (Canceled)

49. (Currently Amended) A computer program product comprising a computer usable medium having computer readable program code means embodied in said medium for controlling an image sensing apparatus which can be connected to an external device, receives power from the external device, and has ~~an image sensing means for converting~~ sensor adapted to convert an optical image of an object into an electrical image signal, the external device having a suspend/resume function of storing, for a program under processing, a state necessary for execution of the processing in memory then turning off the power in the suspend state and re-executing the interrupted processing of the program on the basis of stored contents in response to turning on of the power, said product including:

first computer readable program code means for, when the external device is set in a suspend state during image sensing, stopping operation of at least a part of the image ~~sensing means~~ sensor; and

second computer readable program code means for resetting a predetermined portion of the image sensing apparatus to a predetermined initial state in response to resumption of the external device.

50.-53 (Canceled)